U.S. National Stage of PCT/FR99/02043

family Pseudomonadaceae to the skin or to the scalp, said extract either comprising a biomass pobtained after culturing said bacterium, optionally followed by one or more members selected from the group consisting of purification, grinding, partial or complete dehydration and sterilization, or a fraction or a derivative, obtained by chemical modification of certain functional groups, of said biomass, said fraction or derivative having at least one of elastase activity inhibition and hyaluronidase activity inhibition properties.--

LAYS

--17. Method according to claim 16, having at least one of the following features:

the bacterium belongs to the genus Pseudomonas;

the bacterium belongs to the species Pseudomonas vesicularis or Pseudomonas

said extract is comprised of a bacterial biomass obtained after culturing the bacterium, said biomass optionally being ground and/or partially or completely dehydrated;

said extract is applied in the form of a composition containing a proportion of 0.0005% to 5% by weight of bacterial solids relative to the total weight of the composition.--

- Pseudomonas.--
- --19. Method according to claim 18, in which said bacterium is at least one member selected from the group consisting of Pseudomonas vesicularis and Pseudomonas maltophilia.--
- --20. Method according to claim 16, in which said extract is comprised of a bacterial biomass obtained after culturing the bacterium, said biomass optionally being ground and/or partially or completely dehydrated.--
- --21. Method according to claim 16, in which said extract is applied in the form of a composition containing a proportion of 0.0005% to 5% by weight of bacterial solids relative to the total weight of the composition.--

Notar)

July 19

maltophilia;

- --22. Method according to claim 21, in which said proportion is within the range of 0.001% to 2% by weight.--
 - --23. Method according to claim 16, applied to combat photoageing of the skin.--
 - --24. Method according to claim 17, applied to combat photoageing of the skin.--
- --25. Method according to claim 16, applied to improve the appearance of dry skin.--
- --26. Method according to claim 17, applied to improve the appearance of dry skin.--
 - --27. Method according to claim 16, applied to improve the tonicity of dry skin.--
 - --28. Method according to claim 17, applied to improve the tonicity of dry skin.--
 - --29. Method according to claim 16, applied to preserve or improve skin elasticity.--
 - --30. Method according to claim 17, applied to preserve or improve skin elasticity.--
- --31. Method according to claim 16, applied to improve the appearance of skin which exhibits a local inflammatory reaction.--
- --32. Method according to claim 17, applied to improve the appearance of skin which exhibits a local inflammatory reaction.--
- -33. A cosmetic composition comprising, as an active ingredient, an extract of at least one bacterium from the family Pseudomonadaceae, in combination with an excipient which is acceptable in cosmetology, said extract comprising either a biomass obtained after culturing said bacterium, optionally followed by one or more members selected from the group consisting of purification, grinding, partial or complete dehydration and sterilization, or a fraction or a derivative, obtained by chemical modification of certain functional groups, of said biomass, said fraction or said derivative having at least one of elastase activity inhibition and hyaluronidase activity inhibition properties.--

erubed?

- --34. Composition according to claim 33, having at least one of the following features:
 - the bacterium belongs to the genus Pseudomonas;
 - the bacterium belongs to the species Pseudomonas vesicularis or

Pseudomonas maltophilia;

- said extract is comprised of a bacterial biomass obtained after culturing the bacterium, said biomass being at least partially dehydrated;
- said composition contains a proportion of 0.0005% to 5% by weight of bacterial solids relative to the total weight of the composition.--
- --35. Composition according to claim 34, wherein said proportion is within the range of 0.001% to 2% by weight.--

